UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.:	03-1094	Total Pages:	21
	First Named Inventor or Application Identifier			
	Russell J. Henry			
	Express Mail Label No.:	ER 2666660565 US		

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESS TO:
**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450**

1. ☒ Fee Transmittal Form
   (Submit an original, and a duplicate for fee processing)

2. ☒ Specification (incl. claims)   (Total Pages: 17)

3. ☒ Drawing(s) (35 USC 113)   (Total Sheets: 4)

   ☐ Informal   ☒ Formal

   Use Figure 7 for front page of Publication.

4. ☒ Oath or Declaration   (Total Pages: 2)

   a. ☒ Newly executed
      (original or copy)

   b. ☐ Copy from a prior application (37 CFR 1.63(d))
      (for continuation/divisional with Box 17 completed)
      [Note Box 5 below]

      ☐ i. DELETION OF INVENTOR(S)
         Signed statement attached deleting Inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference
   (usable if Box 4b is checked)
   The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
   (If applicable, all necessary)

   a. ☐ Computer Readable Copy
   b. ☐ Paper Copy (Identical to computer copy)
   c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))

9. ☒ 37 CFR 3.73(b) Statement   ☒ Power of Attorney
   (when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☒ Information Disclosure   ☒ Copies of IDS
    Statement (IDS)/PTO-1449   Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)
    (Should be specifically itemized)

14. ☐ Small Entity   ☐ Statement filed in prior application,
    Statement(s)   Status still proper and desired

15. ☐ Certified Copy of Priority Document(s)
    (If foreign priority is claimed)

16. ☐ Other:

17. ☐ If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
   ☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP)   of prior application No: /

18. CORRESPONDENCE ADDRESS

☐ Same as prior application   ☒ Correspondence address below

NAME	Pete Scott Senior Corporate Counsel				
ADDRESS	Intellectual Property Law Department, LSI Logic Corporation Mail Stop D-106 1551 McCarthy Boulevard				
CITY	Milpitas	STATE	CA	ZIP CODE	95035
COUNTRY	U.S.A.	TELEPHONE	(719) 533-7969	FAX	

Attorney Docket No. **03-1094**

19. ☐ Cancel in this application original claims: of the prior application before calculating the filing fee. (At least one original independent claim is retained for this filing).

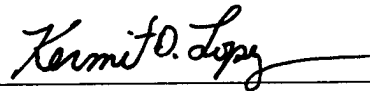20. ☒ The filing fee is calculated below:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELED BY ABOVE-INDICATED AMENDMENT(S)				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))	20 - 20 =	0	X $ 18	= $0.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3 - 3 =	0	X $ 84	= 00.00
MULTIPLE DEPENDENT CLAIMS (IF APPLICABLE) (37 CFR 1.16(d))		ANY - - 0	$ 280	= $ 0.00
BASIC FEE (37 CFR 1.16(a))				$750.00
TOTAL =				$750.00

21. ☒ The Commissioner is hereby authorized to charge any filing or prosecution fees which may be required, under 37 CFR 1.16, 1.17, and 1.21 (but not 1.18), or to credit any overpayment, to **LSI Logic Corporation**, Account No. **12-2252**. *An additional copy of this form is enclosed.*

22. ☒ This is an authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for extension of time, as incorporating a petition for the appropriate extension of time.

23. ☐ Amend the specification by inserting before the first line the sentence:
--This application is a ☐ continuation ☐ continuation-in-part ☐ divisional
of Application(s) No(s).   , filed   .--

24. ☐ A CIP declaration is enclosed.

25. ☒ Power of Attorney

    a. ☐ The power of attorney appears in the original papers of the enclosed prior application.
    b. ☐ Enclosed is a copy of the declaration and power of attorney from the enclosed prior application.
    c. ☒ A new declaration with power of attorney is enclosed.

Attorney Docket No.: **03-1094**

26. ☐   The following inventors named in the prior application are deleted per 37 CFR 1.53(b)(1), 1.63(d)(2) and 1.33 (b):

27. ☐   This application is adding one or more inventors under 37 CFR 1.48 to a previously executed application, with an enclosed: petition, fee, newly executed declaration from all inventors, and written consent of the assignee.

28. ☐   This application claims the priority benefit of one or more Provisional Application No(s).   and the first sentence of this application has been or will be amended to so indicate.

29. ☐   Priority is claimed from (reinsert all previous priority claims for the entire chain of any prior applications).

30. ☐   **This application is NOT to be published under 35 U.S.C. 122(b). The undersigned attorney or agent hereby certifies pursuant to 37 CFR §1.213, that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.**

31. ☒   The assignee of this application to be indicated on its publication is **LSI Logic Corporation.**

32. ☐   Other paper(s) enclosed:

Respectfully submitted,

Kermit D. Lopez

Kermit D. Lopez
Signature per 37 CFR 1.33 & 34
Date: August 18, 2003
Registration No. 41,953
Telephone No. (505) 255-4536

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)	Docket No.
Applicant(s): Russell J. Henry	03-1094

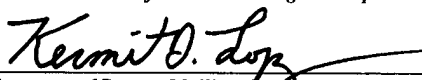| Serial No. Not Yet Assigned	Filing Date Not Yet Assigned	Examiner Not Yet Assigned	Group Art Unit Not Yet Assigned

Invention: **Methods and Systems for End-to-End Data Protection in a Memory Controller**

I hereby certify that the following correspondence:

> **United States Patent Application**

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

_____**August 18, 2003**_____
(Date)

Kermit D. Lopez
(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

ER 266660565 US
("Express Mail" Mailing Label Number)

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P06A/REV02